

Using Keygen

This is a quick guide to using `ssh-keygen` to create keys which don't require passphrases. This is used in environments where a script must perform operations without user input.

1. On each machine (e.g. `tara.arc.nasa.gov` and `wow.arc.nasa.gov`) type `ssh somemachine.example.com` and make a connection with your regular password. This will create a `.ssh` dir in your home directory with the proper perms.
2. On your primary machine where you want your secret keys to live (e.g. `tara.arc.nasa.gov`), type `ssh-keygen -t rsa` This will prompt you for a secret passphrase. Press enter and you will have a key with no passphrase. This computer will now be able to perform checkouts without being prompted for a password. This is a breach of standard security etiquette, so be sure that this account is protected with a strong password.
3. `scp ~/.ssh/id_rsa.pub wow.arc.nasa.gov:~/.ssh/authorized_keys2` Copy the `id_rsa.pub` file to the other host's `.ssh` dir with the name `authorized_keys2`.
4. `ssh wow.arc.nasa.gov` This should now log you in without typing a password or passphrase. If that has worked, then CVS will also no longer require a password.